

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,407,811 B2
APPLICATION NO. : 10/688343
DATED : August 5, 2008
INVENTOR(S) : Burke et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13, Equation 2, please replace the entire equation with:

$$\begin{aligned} \text{--PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{a}1} dT + \tau_{\text{a}2} dT^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{a}3} dT + \tau_{\text{a}4} dT^2) \text{--} \end{aligned}$$

Column 14, Equation 4, please replace the entire equation with:

$$\begin{aligned} \text{--PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{a}1} dT + \tau_{\text{a}2} dT^2) \\ & + (a_1 P_{\text{eff}})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{a}3} dT + \tau_{\text{a}4} dT^2) \text{--} \end{aligned}$$

Column 18, Equation 8, please replace the entire equation with:

$$\begin{aligned} \text{--PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{a}1} dT + \tau_{\text{a}2} dT^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{a}3} dT + \tau_{\text{a}4} dT^2) \text{--} \end{aligned}$$

Column 22, Equation 13, please replace the entire equation with:

$$\begin{aligned} \text{--PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{a}1} T_{\text{est}} + \tau_{\text{a}2} T_{\text{est}}^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{a}3} T_{\text{est}} + \tau_{\text{a}4} T_{\text{est}}^2) \text{--} \end{aligned}$$

Column 39, Claim 114, lines 11-25, should be replaced in its entirety with:

--The method of claim 104, wherein said determining a third value comprises

determining the glucose concentration using

$$\begin{aligned} \text{PRED} = & (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{\text{a}1} dT + \tau_{\text{a}2} dT^2) \\ & + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{\text{a}3} dT + \tau_{\text{a}4} dT^2) \end{aligned}$$

Where: PRED is the glucose concentration,

DC is the second admittance response,

a_0 , a_1 , hct , hct_2 , hct_3 , hct_4 , $\tau_{\text{a}1}$, $\tau_{\text{a}2}$, $\tau_{\text{a}3}$ and $\tau_{\text{a}4}$ are constants,

H_{est} is the hematocrit value, and

dT is the temperature value.--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 40, Claim 125, lines 3-17, should be replaced in its entirety with:

--The method of claim 115, wherein step (g) comprises determining the glucose concentration using

$$\text{PRED} = (a_0 + \text{hct}_1 H_{\text{est}} + \text{hct}_2 H_{\text{est}}^2 + \tau_{11} dT + \tau_{12} dT^2) \\ + (a_1 \text{DC})(1 + \text{hct}_3 H_{\text{est}} + \text{hct}_4 H_{\text{est}}^2)(1 + \tau_{23} dT + \tau_{24} dT^2)$$

Where: PRED is the glucose concentration,

DC is the second admittance response,

a_0 , a_1 , hct , hct_2 , hct_3 , hct_4 , τ_{11} , τ_{12} , τ_{23} and τ_{24} are constants,

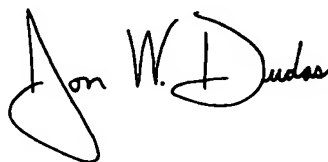
H_{est} is the hematocrit value, and

dT is the temperature value.--

This certificate supersedes the Certificate of Correction issued November 4, 2008.

Signed and Sealed this

Twenty-fifth Day of November, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office